

Coffee Break Webinar April 12, 2013 Summer Planning With Y4Y!





Learning Centers
U.S. Department of Education
400 Maryland Avenue SW
Washington, DC 20202
y4y.ed.gov

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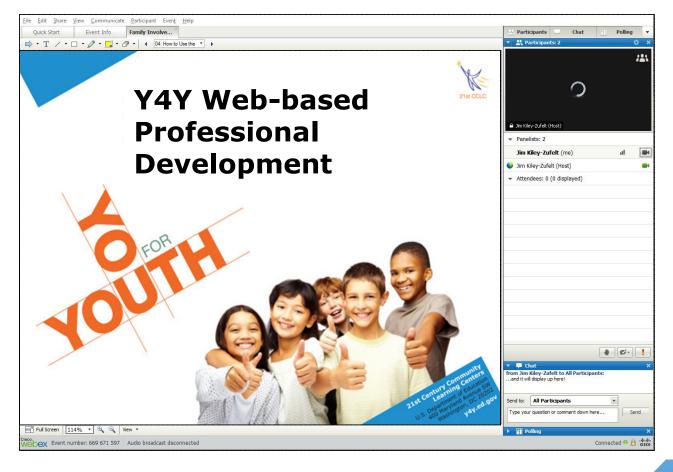
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How to Use the Technology







Introductions



Hosts:

Monique S. McDowell-Russell Y4Y Training Specialist

Jennifer Kobrin
Y4Y Content Specialist







- Discover how Y4Y resources can support your Summer Planning
- Interact with Y4Y team members and afterschool colleagues from across the country
- Ask questions about Y4Y and how the portal can help you



Today's Topic



Summer Planning With Y4Y!

- The importance of planning for summer
- Y4Y resources for summer planning
- Q & A





Poll: Your Role



- Executive Director
- Program Director
- Site Coordinator
- Group Leader/ Teacher
- Other



Planning for Success 21st CCL

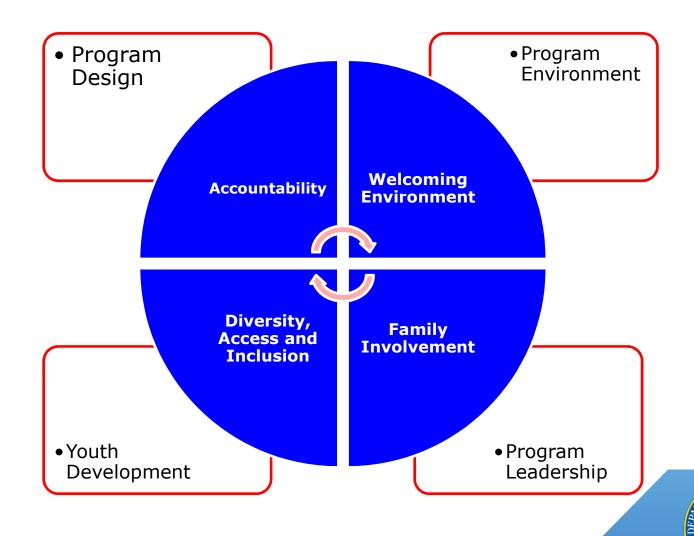


What are your program goals for summer?



Summer Expectations





Summer Learning Loss



- "Summer Slide"
- Affects all students who do not engage in summer learning
- Accounts for more than half of the achievement gap



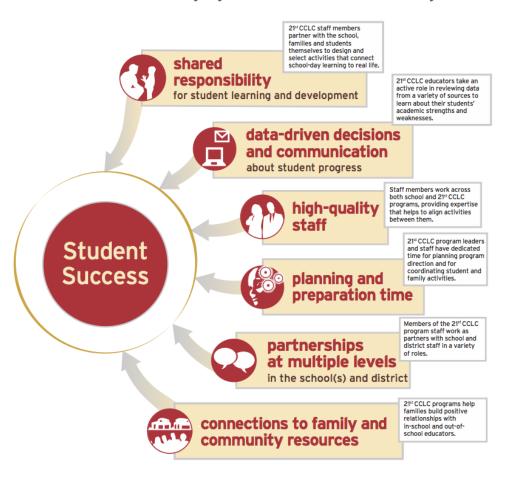
Source: National Summer Learning Association (www.summerlearning.org)



Not Just For School Days

Aligning With the School Day

Core Elements for Aligning In-School and Out-of-School Learning



Learn / Aligning with the School Day / Introduction

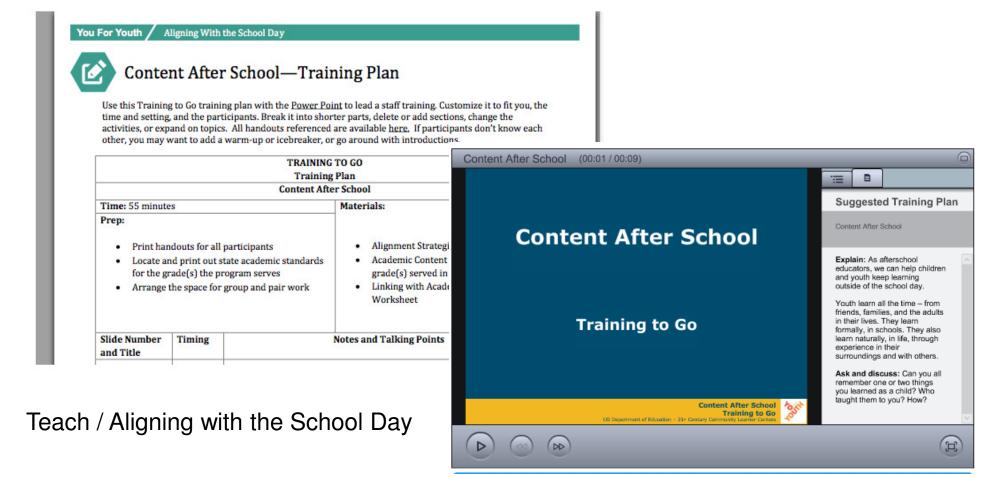


Teach: Find Y4Y Trainings



During Summer Months

Content After School Training Plan



Summer Opportunities



- More time means more possibilities
- Time for deeper, hands-on learning
- Project Based Learning (PBL)
- STEM





Learn: PBL Introduction 🏀



Overview



During this introduction, you will:

- · Learn key project-based learning terms and concepts
- Discover the benefits that project-based learning offers students and their communities
- Become familiar with the three stages of project-based learning; starting a project, performing the activities required to reach the project's goals, and demonstrating, reflecting, and celebrating the results
- Begin planning how project-based learning can become part of your program



Tool: Project Planner



For Youth / Project Based Learning	
Project Based Learning Project	Planner
Driving Question	Planning Check Is the project Based on youth interests? Appropriate for the amount of time? Engaging, interesting, sustainable?
Project Description	
	Planning Check Do the objectives Reinforce, practice, or expand on what youth already know or are able to do? Clearly specify outcomes?
Objectives for Learning and Development	Tie to demonstrations and documentation of learning? Connect with skills or knowledge needed for success in school?
Materials Needed	Planning Check Are materials needed to Guide youth in making a project plan? Carry out the project work? Help youth document learning? Help youth set learning objectives? Establish agreements with or among youth, partners, xolunteers? Conduct a culiminating event? Reflect, review?
Implementation Project activities, who is involved	
Start date:	End:
Start date:	_ End;

- Map out a project from Driving Question to Culminating Event
- Ensure projects are youth driven
- Connect to knowledge and skills

Tools / Project Based Learning



STEM Tools





Questions for Inquiry-Based Learning

Checklist Yes

Is the question something youth really care about? Does the question require more than just looking up a simple fact? Is the answer something youth already known? Is there more than one possible 'right' answer?

Do these questions make the cut?

- □ Where is Chicago?
- How do they get the toothpaste in the tube?
- ☐ How much does a car cost in Japan?
- ☐ Why did Dr. Seuss write The Cat in the Hat?
- □ What is text messaging?
- ☐ Is R&B more popular than rap?
- How many people live in New York City?
- □ Why does the grass turn brown in the summer?
- □ Is the price of gas the same in Montana as it is in New Jersey?

The four steps to the Inquiry Process

- (1) Ask Question: Probe youth to get to the "real" question they want to ask.
- (2) Get Resources: Help youth find resources to answer their question. Encou

Tools / STEM

You For Youth / STEM



STEM Vocabulary Builder

TALKING SCIENCE

Scientific Processes	Guiding	Associated	Example	Staff use Y N		Students use Y N		NOTES
	Questions	Vocabulary	Activity					
Questioning, hypothesizing Forming questions Coming up with possible explanations or answers (hypotheses)	Why is that? How does it work? How does it happen? What might happen if? What might you see?	Question Hypothesis Wonder Curious	Take a walk in the woods or in a park to explore plant life.	1	N	1	IN.	
Observation Using the senses to gather information	What do you see? Hear? Smell? How does it feel? What is going on? How do you know? Does this seem like anything	Observe Observation Senses Describe Experiment	Notice and talk about different plants and seeds.					

STEM Tools



You For Youth / STEM



Learning About Tadpoles (K-2) Lesson

In this sample lesson, students read The Icky Sticky Frog, practicing literacy skills as they develop an understanding of tadpoles. This is a good example of how to integrate science across your curriculum.

Duration: 1 week or longer (can be extended)

Learning Goals

- . Understand the life cycle of frogs and what they need to live
- Practice scientific inquiry through questioning, predicting, observing, recording and interpreting data, and communicating results
- · Keep journals or records of scientific investigations
- · Use graphic organizers
- · Develop group work skills such as working together and listening to others

Materials Needed

- Aquarium with tadpoles, rocks, and plants for each group (consider purchasing the Carolina Biological Raise-a-Frog Kits or individual aquaria, tadpoles, and plants from your local pet store)
- · Magnifying glass (1 per student)
- · Drawing paper and colored pencils
- · Variety of age-appropriate books on frogs for each group

You For Youth / STEM



Heavy Weight (9-12) Lesson

This sample project shows how you can engage students in a given topic, develop inquiry and problem-solving skills, and increase their understanding of how to apply science in real-world situations.

Heavy Weight (9-12)

Students gather data to explore the problem of adolescent obesity and develop potential solutions based on the observations they have made at their school.

Duration: 6-8 weeks for this lesson (45-60 minutes weekly); length variable if extensions used.

Learning Goals

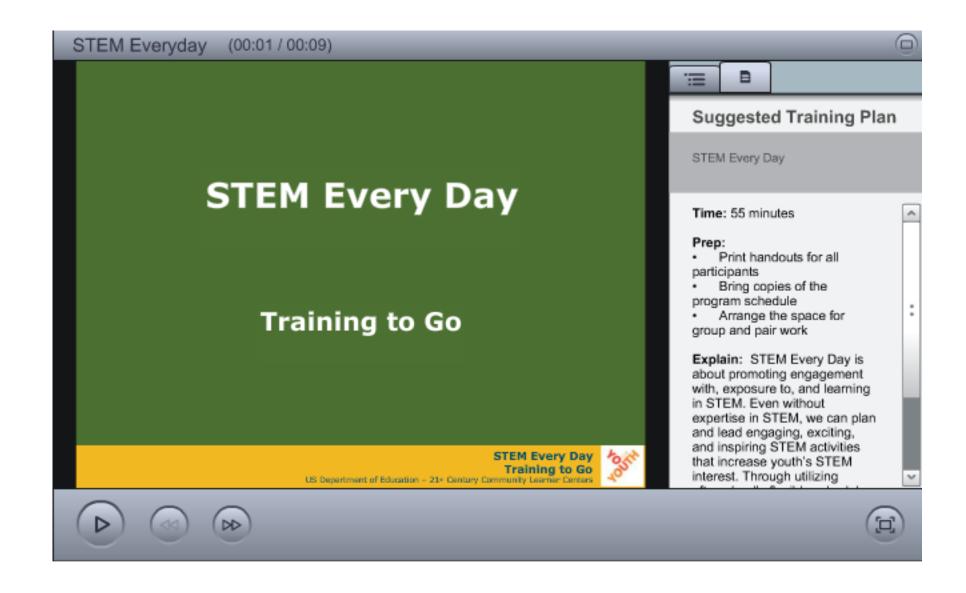
- Practice the problem-solving process, including crafting and considering questions and key factors, making observations, recording data, analyzing data, communicating results, and planning further investigations
- Measure using tools such as scales, tape measures, and calipers
- · Keep journals and/or log records of scientific investigations
- · Apply mathematical weight concepts
- · Compare results and draw conclusions
- Materials/Technology Needed
- USDA Food Pyramid
- · My Pyramid Data sheet

Tools / STEM



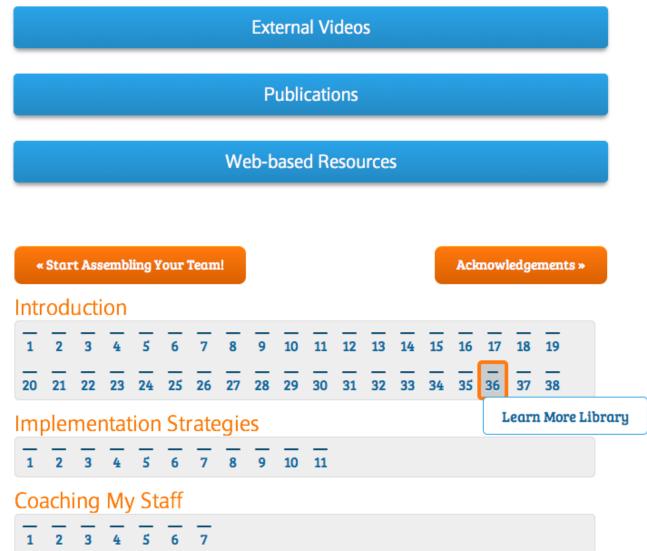


Teach: STEM Every Day





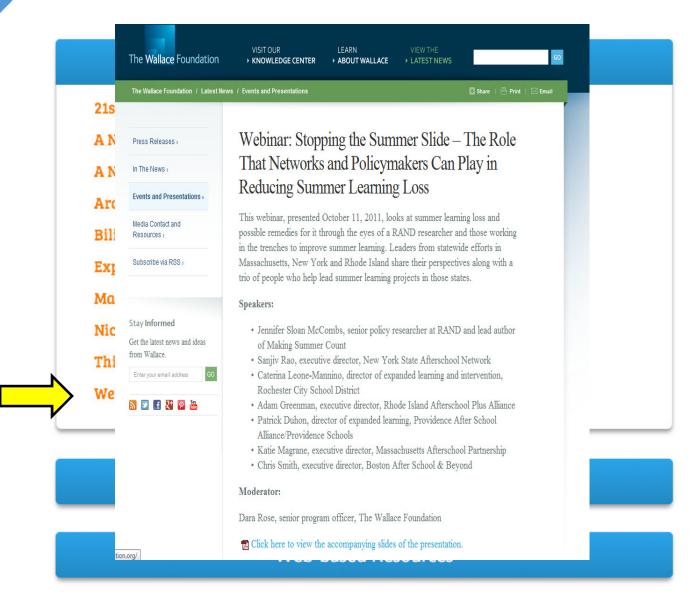




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Learn More Library





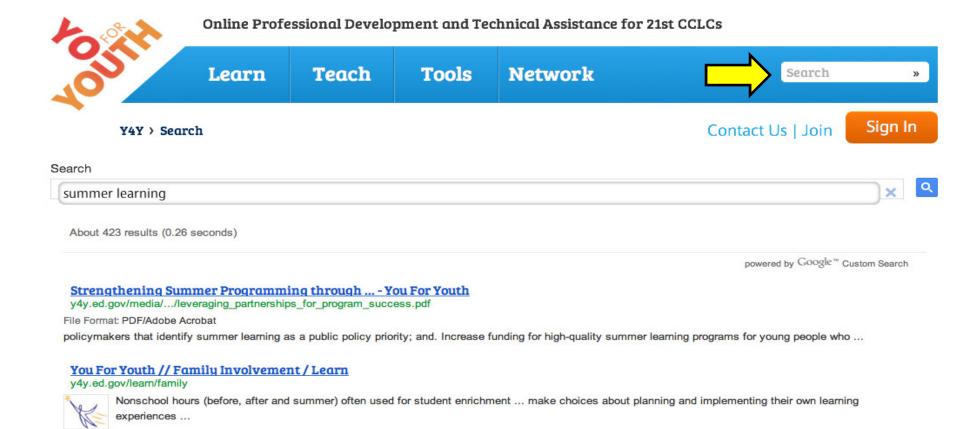


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More Resources



- Additional Resources section
 Learn / Introduction / Implementation Strategies
- Search function



Q & A



- Summer Planning
- Y4Y Resources
- Aligning with the School Day during summer months
- Project Based Learning
- STEM







- Discover how Y4Y resources can support your Summer Planning
- Interact with Y4Y team members and afterschool colleagues from across the country
- Ask questions about Y4Y and how the portal can help you



Next Steps



- 1) Visit the Y4Y portal to:
 - Register
 - Follow up on today's discussion
 - Find more resources on Y4Y



- 2) Tell your colleagues about Y4Y
- 3) Join us for the next Coffee Break webinar in May





Thank You!

Monique McDowell-Russell

Training Specialist

MMcDowell@foundationsinc.org

Jennifer Kobrin

Content Specialist

Jkobrin@foundationsinc.org

Visit www.y4y.ed.gov





